

ABSTRACT

5 A service architecture for the rapid development of next generation telephony
services that overcomes the limitations of the current closed PSTN architecture and
service model. In this architecture services are provided by multiple cooperating
distributed service providers. This architecture is built upon an object-oriented call
model which is defined as a small set of extensions to the standard Java Telephony
10 API call model. This new object-oriented call model hides the detail of the
underlying call-state management protocols and hardware from applications.